SECRET

3 November 1967

DD/S&T-4414-67

ILLEGIB

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25X1

Dear Vince:

25X1 This is to confirm the telephone conversations I had with you and [redacted] this week. [redacted] and I concluded that further 25X1 study in the area of ABM deployment could be very useful and that you should spend the next two or three weeks investigating this problem.

We plan to run sensitivity studies on the ABM performance parameters in our shop. Therefore, it will not be necessary for you to do further work in this area with the model in its present form. You should use the same set of performance parameters in your deployment study as you were using toward the end of the last contract. However, I am sure that under certain strategies of deployment you will wish to vary the quality of interceptors and we leave this to your discretion.

25X1 [redacted] had two provisos concerning this study. First, he does not want to use an excessive amount of computer time on this effort and run short during the model validation process. He suggested that we should loosely define an upper limit on computer time as one hour to one and one-half hours. Second, he strongly feels that we should not confine ourselves simply to the "reasonable" deployment pattern of concepts. We should look at extreme cases, as well as the reasonable, with a philosophy similar to that which led us to take broad excursions with some of the computer runs made during the last contract.

I am sure you will write this deployment study up similar to the work on the last contract; that is, this will be a chapter in the final report. However, please give me a call, if you find a deployment pattern which looks better than the one we are presently using, since it could be of some influence in our parameter sensitivity study. We will be using ABM launcher quantities on the order of 1000 area and 2000 terminal in our study.

Good luck. Sorry about the snow, but I bet you all are going skiing, especially Don.

Sincerely,

(Sign [redacted] 25X1

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